

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20191216								
Incident Name: South 4 Group Fire										Period: Period 15 [12/17/2019 06:00 - 12/19/2019 06:00]								
<b>Spill Status (Estimated)</b>										<b>Equipment Resources</b>								
<b>Source Status</b>		<b>Remaining potential</b>		151,740		<b>Kind</b>		<b>Ordered</b>	<b>Available</b>	<b>Assigned</b>	<b>Out-Of-Service</b>	<b>Total Count</b>						
SECURED		<b>Rate of spillage</b>		0 barrel(s)		Air Monitor - AreaRAE		0	0	31	0	31						
		<b>Volumes measured in</b>		barrel(s)		Air Monitor - MultiRAE		0	0	81	0	81						
		<b>Since Last Report</b>		<b>Total</b>		Air Monitor - UltraRAE		0	12	43	0	55						
Total Volume Spilled		0		999		Boom		0	1	6,500	0	6,501						
<b>Mass Balance (Estimated)</b>										<b>Volumes in gallon(s)</b>								
Recovered Material (Liquid)		15,000		76,500		Fire Fighting Foam		0	1,590	0	0	1,590						
Foam		0		1,320		Jon Boat		0	0	6	0	6						
Combusted Material (bbl)		0		48,970		Pumps		2	20	34	0	56						
<b>Waste (Estimated)</b>										Response Boat				0	0	1	0	1
<b>Type</b>		<b>Recovered</b>	<b>Stored</b>	<b>Disposed</b>	<b>UOM</b>		Skimmer		0	17	1	0	18					
Sorbent: Boom		12,120			Feet		Sorbent: Boom		0	50	8,350	0	8,400					
Debris		1,169			Bags		UTV		0	0	9	0	9					
Liquid		171,850			gallon (s)		Vacuum Truck		0	0	8	0	8					
<b>Shoreline Impacts</b>										<b>Distances measured in mile(s)</b>								
<b>Degree of Oiling</b>		<b>Affected</b>	<b>Cleaned</b>	<b>Remaining to be Cleaned</b>		<b>Organization</b>		<b>People in the Field</b>	<b>People in Cmd. Post</b>	<b>Total People On Scene</b>								
<b>Wildlife Impacts</b>										<b>Personnel Resources</b>								
						<b>Died In Facility</b>		Other		20	0	20						
<b>Type</b>	<b>Captured</b>	<b>Cleaned</b>	<b>Released</b>	<b>DOA</b>	<b>Euth.</b>	<b>Other</b>	Federal		4	0	4							
Fish Above 3"	0	0	0	68	0	0	State		0	2	2							
Bird	0	0	0	0	0	0	Local		4	3	7							
Mammal	0	0	0	0	0	0	RP		100	44	144							
Reptile	0	0	0	1	0	0	Contract Personnel		427	82	509							
2-3" Fish	0	0	0	2,000	0	0	Volunteers		0	0	0							
Blue Crab	0	0	0	18	0	0	<b>Totals</b>		<b>555</b>	<b>131</b>	<b>686</b>							
<b>Safety Status</b>										<b>Special Notes</b>								
<b>Type</b>		<b>Amount since last report</b>		<b>Total Amount</b>		Active Fires: 1												
Public Injury		0		0		Notes:												
Responder Injury		1		5		*Spilled material based on 98% destruction efficiency of the fire.												
Community Air Readings for all analytes		0		80,000														
BD - Community Air Detections above action level		0		240														
Community Air Monitoring readings for Butadiene				27,776														
VOC - Community Air Detections above action level		0		12														
Community Air Monitoring readings for VOC				28,021														
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 12/16/2019 22:24 UTC -6: PP								
INCIDENT ACTION PLAN SOFTWARE™		Printed 12/16/2019 22:35 UTC -6:00				1 of 7		© TRG										

## Daily Summary – TPC Port Neches South 4 Group Fire 12/16/2019

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

### Today's Activities

- DEHA was not injected into any tanks on 12/16/2019.
- One fire remains burning. The second fire that had been burning is now extinguished.
- The laboratories that have been analyzing the air and asbestos samples, will have a week-long pre-scheduled audit this week. As a result, they will not be able to process the samples during that time. CTEH will provide a weekly summary of air and asbestos analytical results each Monday. They will do the same for water samples to be consistent.
- Surveys conducted using FLIR camera identified no new leaks. The leaks have been identified on lines associated with the following:

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line east of sphere 39	
40	Raffinate	Tubing valve	12/14/2019
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Common suction line leak	
26	Crude C4	Line leak, attempted repair with clamp	12/14/2019
30	Water and NMP Solvent	Tubing fitting	12/13/2019
219	MTBE	Vacuum Breaker	
2" Flange SE corner of block 10	Assumed BD	Flange	
6" valve at block 5 on 3 <sup>rd</sup> street	Raff	Valve	
092 line North to South		3 Flanges	

- The low volume vapor leak from under Tank 33, which is inaccessible for safety reasons, is ongoing and continues to be minor. The cribbing contractor and TPC Technical team are preparing to implement parallel plans for securing the tank and mitigating the leak after the tank is secured.
- The rainfall today may delay the preparation activities for the cribbing contractor to begin deploying equipment on 12/17 in preparation for implementing the plan to stabilize Tank 33.
- The Outfall Canal remains in Monitoring and Maintenance mode. There was a discharge from Outfall 201 between the hours of 11:14 - 12:19. The water was approximately ½" above the weir during this time. The discharge resulted when a pump in Block 9, which moves water back to the Block 6 pond, failed and was replaced by another.

- The waxy material was noticed collecting at the booms located at Orchard Street, Pine Street and at the Levee in Zone B. Clean Harbors personnel responded to collect the material.
- A minor non-reportable diesel spill was discovered on 2<sup>nd</sup> Street and Ave. B inside the plant. It was immediately mitigated.
- The Wildlife Hotline has not received a call regarding impacted animals since 12/6/2019. Wildlife Response personnel on call, no EOC presence.
- A Severe Weather Plan was created in response to the site being under a Tornado Watch most of the day. Winds were gusty, with sustained winds at 30 mph. The gusty conditions are expected to continue into 12/17/2019.
- TPC requested TXDOT open the south two lanes of Hwy 366 to two-way traffic between Hogaboom and Park streets. This would allow the public to have access to that section of the road and enable TPC to utilize the northern three lanes to facilitate moving equipment and personnel east and west across the site.

## **Upcoming Activities**

- Deploying equipment for cribbing Tank 33 on 12/17, weather permitting.
- The new Community Alarm System is expected to be delivered 12/17/2019 and to be operational the following day.
- Daily school air monitoring will continue 12/16 – 12/20. Monitoring of the schools will be suspended during Holiday Break, but the area will continue to be monitored as part of the 1-mile radius Air Monitoring Plan.
- At least two 4-member Asbestos Cleanup Teams, consisting of Clean Harbors, Cotton and a CTEH air monitoring technician, will begin preparing for the OSHA and CSB inspections that will begin on 12/18. The Asbestos Teams will pick up potential asbestos containing material (PACM) debris found on the ground, especially in the walkways and parking lots. They will remove the loose PACM, clearing areas for the inspectors to conduct their investigations. The Asbestos Teams will not remediate the area or disturb the evidence. The teams will start at the north end of the site, collecting the debris in a planned manner to stay ahead of the agencies until the whole site has been completed.

## **Health and Safety**

- A CIR was submitted when a TPC operator injured his right ankle when he stepped over a 12' hose.

## **Water Effluent**

- Status of 201: Flow for approximately 1 hour with a depth of approximately ½" above the weir.
- GPM to JWWTP: 3300 gpm. By 20:00, we had stopped flow.

## **Water Testing:**

- As of December 11, 2019, a total of 179 surface water samples have been collected at 20 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analyses are not representative of drinking water sources.
- As of December 11, 2019, 155 surface water sample results have been received for VOC analysis and 94 results received for asbestos analysis.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples.

## **Wildlife Report**

- None

## **Recovery Operations**

- Removed material noted above at the levee in Section B, Orchard and Pine streets.

## SCAT Report

- Maintenance and Monitoring Plan is in effect.

## Waste

Some analytical results were received for waste classification.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
170,000	Liquids from outfall canal skimming	9
10,000	Water and hydrocarbons from south separator	.5
30,000	Latex-laden Wastewater from LION	1.5
	Empty Available and Staged	7
<b>210,000</b>	<b>Totals</b>	<b>18</b>

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
225	Hydrocarbon Debris and Sorbents From Canal	9
<b>225</b>	<b>Totals</b>	<b>9</b>

Empty available and staged (requested 4 more) 2

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
30	Motiva (1-full, 1-in use)	2
6.25	Joint Waste Water	1
<b>48.75</b>	<b>Totals</b>	<b>4</b>

	Other	
	Routine Plant Trash (Garbage)	<b>1</b>
	Dirty Containment Boom waiting on decon	<b>2</b>

## Community Air Monitoring

### Asbestos Monitoring

#### Community

- Wipe samples: Zero of the 184 samples collected have been positive for asbestos
- Bulk Sampling: 96 of 235 samples tested positive for asbestos

## Air Monitoring Sampling Results

#### Community

No analytical updates available at the time of this report.

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	422	44
Poly Aromatic Hydrocarbons (PAH)	None Detected	476	28
Asbestos	None Detected	718	44

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2\* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

## **Community Assessments**

Refer to following pages.

## Community Assessment Summary

2724

Count of Curbside  
Assessments  
Completed

578

Count of Properties  
with Observed  
Damage

306

Count of Properties  
with Observed Debris

86

Count of Industrial  
Debris Claims  
Sampled

## Community Assessment Summary - Jefferson

1391

Count of Curbside  
Assessments  
Completed

539

Count of Properties  
with Observed  
Damage

195

Count of Properties  
with Observed Debris

69

Count of Industrial  
Debris Claims  
Sampled

## Community Assessment Summary - Orange

1333

Count of Curbside  
Assessments  
Completed

39

Count of Properties  
with Observed  
Damage

111

Count of Properties  
with Observed Debris

17

Count of Industrial  
Debris Claims  
Sampled

## Completed Assessments Property Type Summary

Type	# of Properties
Church	9
Commercial/Business	39
Detached storage building.	1
Empty Lot	62
Industrial Facility	1
Library	1
Multi-family Residence	20
Other Public Area	3
Park	3
Single Family Home	2626
	<b>2765</b>